



Crop Weather Report

Issue: 07-23

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Montana Field Office · 10 W 15th St, Suite 3100 · Helena, MT 59626
(406) 441-1240· (406) 441-1250 FAX · www.nass.usda.gov/mt

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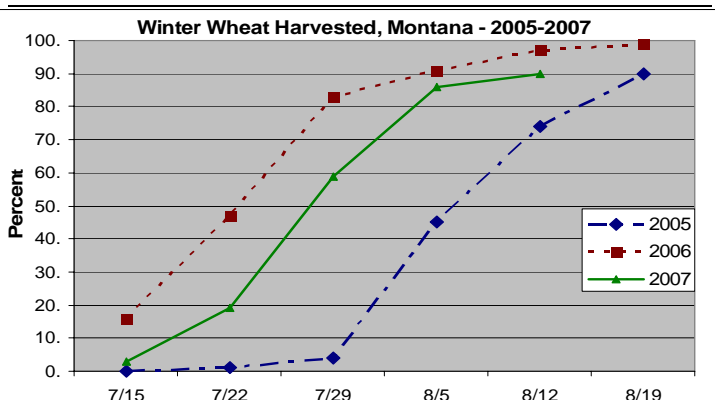
For the Week Ending:
Aug. 12, 2007

Weather Summary

Montana received light precipitation for the week ending August 12. Every weather station had less than an inch of moisture or none during the past week. Plentywood received the most moisture with 0.76 of an inch for the week. Temperatures cooled down from the previous week. Glendive and Hardin shared the high temperature of 102 degrees, and Swan Lake had the low temperature of 29 degrees. Topsoil moisture adequate and surplus is 14 percent, above last week's 12 percent and last year's 9 percent but below the five-year average of 24 percent. Subsoil moisture adequate and surplus, at 20 percent, is down slightly from last week's 21 percent but is above last year's 15 percent and the five-year average of 19 percent. The number of days suitable for fieldwork decreased from 6.9 days the previous week to 6.8 days.

The weather outlook for August 20th through August 26th is for above normal temperatures and below normal precipitation east of the continental divide and for near normal temperatures and below normal precipitation west of the divide. Normal temperatures for this period in Montana are highs in the mid 70s to the upper 80s and lows in the upper 30s to the upper 50s.

Crop Condition Table	This Week	Last Week	Last Year	5 Yr Avg
Barley				
Very Poor	19	19	6	7
Poor	19	19	19	17
Fair	20	23	30	31
Good	34	32	35	35
Excellent	8	7	10	10
Oats				
Very Poor	3	2	13	9
Poor	9	11	22	15
Fair	29	29	32	31
Good	52	51	27	36
Excellent	7	7	6	9
Spring Wheat				
Very Poor	18	15	18	9
Poor	20	17	25	19
Fair	31	22	39	33
Good	26	41	17	32
Excellent	5	5	1	7
Durum Wheat				
Very Poor	17	4	16	9
Poor	18	18	39	24
Fair	24	17	28	31
Good	27	61	15	29
Excellent	14	0	2	7



Soil Moisture & Fieldwork Table	This Week	Last Week	Last Year	5 Yr Avg
Topsoil Moisture				
Very Short	50	44	58	42
Short	36	44	33	34
Adequate	13	12	9	22
Surplus	1	0	0	2
Subsoil Moisture				
Very Short	41	34	50	45
Short	39	45	35	36
Adequate	19	21	15	18
Surplus	1	0	0	1
Days Suitable for Fieldwork				
Days	6.8	6.9	6.8	5.9

Field Crops Report

Farmers are harvesting all of the small grain crops ahead of normal when comparing this week to the five-year averages. Temperatures were hotter earlier last year which is why harvesting is behind last year for winter, spring, and durum wheat. Seventy-six percent of alfalfa and 54 percent of all other hay has been cut a second time. Reports from the northeast district indicate spring wheat yields and test weights are being affected by the combination of high temperatures and low moisture.

Crop Progress Table	This Week	Last Week	Last Year	5 Yr Avg
Turning				
Durum Wheat	80	78	100	78
Harvested				
Winter Wheat	90	86	96	74
Spring Wheat	48	22	59	27
Durum Wheat	22	13	43	16
Barley	59	40	48	29
Oats	62	35	60	35
Dry Peas	86	81	82	n/a
Lentils	75	68	74	n/a
Dry Beans	6	4	13	3
Hay, Second Cutting				
Alfalfa	76	48	68	49
All Other	54	29	62	35

Livestock Report

Range and pasture feed condition declined from the previous week with 39 percent good to excellent and 46 percent the previous week.

Livestock Table	This Week	Last Week	Last Year	5 Yr Avg
Range and Pasture Feed Condition				
Very Poor	10	11	16	18
Poor	12	14	31	25
Fair	39	29	31	32
Good	34	37	17	20
Excellent	5	9	5	5
Moved From Summer Ranges				
Cattle and Calves	6	5	5	n/a
Sheep and Lambs	7	6	2	n/a

THIS INFORMATION IS ALSO AVAILABLE ON THE INTERNET AT: <http://www.nass.usda.gov/mt/>

Completed and Summarized by:
USDA, NASS, Montana Field Office

In conjunction with: MSU Extension Agents
USDA County Service Centers

Weather Information for the Week ending 08/12/2007

Station ID						Precipitation							
	Temperature			GDDs		This Week		April 1 to Date			October 1 to Date		
	Hi	LOW	AVG	B50	DFN	Total	DFN	Total	DFN	%NRM	Total	DFN	%NRM
NORTHWEST													
Alberton	91	38	66	114	-6	0.02	-0.26	4.80	-1.07	82	15.41	+3.83	133
Anaconda	89	37	63	94	+12	0.14	-0.21	8.56	+0.78	110	14.68	+2.61	122
Clinton	90	36	64	101	-19	0.03	-0.25	6.73	+0.86	115	15.45	+3.87	133
Corvallis	85	40	65	105	-6	0.00	-0.26	3.87	-1.68	70	6.71	-4.57	59
Creston	87	39	64	100	-1	0.07	-0.28	5.74	-3.17	64	10.39	-6.77	61
Deer Lodge	93	34	62	88	+4	0.10	-0.18	6.55	+0.58	110	9.81	+0.97	111
Drummond	87	31	61	78	-27	0.09	-0.19	7.01	+0.57	109	10.75	-0.55	95
Hamilton	86	45	68	125	+14	0.05	-0.21	4.20	-1.35	76	8.18	-3.10	73
Kalispell	88	38	63	95	-3	0.03	-0.25	5.02	-1.75	74	10.92	-3.40	76
Missoula	90	44	69	134	+14	0.00	-0.28	3.90	-1.97	66	9.40	-2.18	81
Olney	86	32	60	69	-22	0.14	-0.15	3.76	-4.55	45	15.46	-5.20	75
Polson	89	45	67	119	-7	0.02	-0.31	7.27	-0.35	95	12.12	-2.11	85
St Ignatius	91	43	68	126	+6	0.25	-0.03	6.42	-1.61	80	11.77	-2.50	82
Seeley Lake	90	41	63	95	+5	0.02	-0.26	4.36	-2.61	63	14.90	-4.36	77
Sula	89	32	61	77	-1	0.00	-0.33	7.70	+0.01	100	13.08	-0.90	94
Superior	91	38	68	128	+2	0.05	-0.23	5.17	-0.76	87	14.98	+0.48	103
Swan Lake	86	29	58	57	-28	0.18	-0.24	8.11	-0.86	90	23.86	-1.17	95
Thompson Falls	92	45	70	145	+12	0.00	-0.28	5.74	-1.23	82	23.27	+2.49	112
West Glacier	86	40	63	96	-2	0.07	-0.28	7.09	-2.88	71	23.94	-1.87	93
NORTH CENTRAL													
Chester	92	41	67	124	+4	0.02	-0.26	4.34	-2.31	65	8.08	-0.98	89
Chinook	92	46	68	129	-5	0.24	-0.04	8.21	+0.92	113	12.00	+1.97	120
Choteau	88	37	64	96	-25	0.19	-0.09	4.25	-2.51	63	5.96	-2.77	68
Cut Bank	85	38	65	103	-2	0.11	-0.24	1.07	-6.27	15	1.55	-8.12	16
Ft Assinniboine	92	45	70	139	-4	0.05	-0.23	7.59	+0.81	112	11.10	+1.30	113
Fort Benton	89	42	67	121	-15	0.00	-0.30	7.01	-1.01	87	11.34	-0.80	93
Goldbutte	91	30	65	105	+0	0.13	-0.22	6.27	-1.42	82	10.39	-0.05	100
Harlem	90	45	70	140	+5	0.37	+0.09	8.68	+1.64	123	11.69	+2.04	121
Havre	93	42	70	139	-1	0.03	-0.24	7.61	+1.38	122	11.00	+1.78	119
Malta	92	49	72	156	+23	0.48	+0.20	9.22	+1.09	113	12.00	+1.24	112
Rudyard	88	41	66	116	-31	0.00	-0.28	8.20	+0.13	102	11.51	+0.06	101
Shelby	91	39	65	107	-6	0.00	-0.35	3.71	-3.86	49	7.11	-2.83	72
Turner	92	43	69	133	+0	0.47	+0.19	7.27	-0.86	89	9.10	-1.66	85
Valier	88	39	65	110	-3	0.13	-0.22	4.27	-3.30	56	6.21	-3.73	62
NORTHEAST													
Bredette	97	46	71	150	+12	0.74	+0.39	10.84	+3.11	140	13.87	+3.85	138
Culbertson	98	43	75	174	+36	0.30	+0.02	9.69	+0.96	111	13.00	+1.54	113
Glasgow	97	51	73	159	+11	0.11	-0.23	10.80	+3.92	157	12.91	+3.71	140
Glendive	102	55	80	213	+46	0.01	-0.27	9.12	+0.79	109	12.43	+1.12	110
Jordan	98	52	73	162	+7	0.19	-0.09	11.19	+3.14	139	13.50	+2.46	122
Nashua	98	52	75	180	+32	0.20	-0.14	12.19	+5.31	177	14.71	+5.51	160
Opheim	91	41	68	126	+9	0.34	+0.06	9.51	+1.78	123	11.50	+1.74	118
Plentywood	95	48	71	149	+22	0.76	+0.44	12.88	+5.15	167	15.22	+5.14	151
St Marie	93	48	73	160	+12	0.13	-0.21	8.75	+1.87	127	10.27	+1.07	112
Scobey	98	51	72	158	+20	0.60	+0.25	10.72	+2.99	139	13.04	+3.02	130
Sidney	98	49	76	182	+38	0.11	-0.19	9.86	+1.57	119	12.49	+1.06	109
Wolf Point	99	50	74	168	+19	0.32	-0.02	10.55	+1.28	114	12.20	-0.50	96
CENTRAL													
Cascade	92	31	63	90	+3	0.17	-0.11	8.67	+0.16	102	12.72	+0.46	104
Grass Range	95	43	69	134	+3	0.53	+0.18	12.18	+2.04	120	18.11	+3.79	126
Great Falls	88	42	69	133	+3	0.07	-0.28	5.83	-2.31	72	10.42	-2.59	80
Harlowton	88	42	66	113	-5	0.40	+0.05	10.83	+2.62	132	15.52	+3.92	134
Helena	89	48	70	142	+7	0.18	-0.10	6.08	-0.12	98	9.19	-0.45	95
Lewistown	88	45	67	121	+9	0.20	-0.22	11.18	+1.09	111	16.45	+0.99	106
Martinsdale	95	40	64	100	+9	0.31	-0.04	7.90	+0.10	101	11.57	+0.44	104
Neihart	91	37	63	93	+5	0.44	+0.02	14.25	+3.18	129	23.65	+6.09	135
Rogers Pass	85	38	66	114	-1	0.02	-0.26	8.63	+1.08	114	13.28	+2.44	123
Roundup	101	48	73	165	+12	0.26	-0.02	10.66	+3.26	144	15.11	+4.68	145
Ryegate	88	43	66	115	+4	0.28	-0.07	9.60	+2.00	126	13.92	+3.18	130
Stanford	96	39	68	127	+18	0.38	+0.03	9.36	-0.52	95	14.06	-0.05	100
Townsend	94	46	67	119	+2	0.38	+0.10	5.73	-0.60	91	8.70	-0.49	95
Valentine	94	49	70	145	+5	0.16	-0.22	10.02	+1.12	113	14.46	+2.20	118
Wht Sulphur Spr	92	39	66	112	+35	0.39	+0.07	5.05	-3.21	61	7.94	-5.92	57
SOUTHWEST													
Boulder	92	43	64	99	-11	0.12	-0.16	6.30	-0.21	97	9.50	-0.12	99
Bozeman	93	45	66	115	-7	0.61	+0.33	12.47	+2.73	128	22.95	+6.72	141
Butte	83	38	62	82	-6	0.37	+0.09	7.07	+0.40	106	11.02	+1.01	110
Dillon	85	43	65	107	-4	0.05	-0.16	7.04	+0.92	115	10.49	+2.07	125
Ennis	85	38	63	90	-14	0.07	-0.21	7.85	+0.40	105	13.30	+2.32	121
Lakeview	91	43	65	109	+47	0.09	-0.26	4.21	-5.07	45	11.07	-6.31	64
W Yellowstone	85	33	59	65	+2	0.44	+0.09	4.74	-3.46	58	11.68	-7.71	60
Wisdom	87	30	59	66	+14	0.05	-0.19	6.65	+1.04	119	12.49	+3.09	133
SOUTH CENTRAL													
Billings	94	54	74	167	+8	0.02	-0.19	9.22	+1.63	121	15.06	+2.00	115
Cooke City	91	44	66	112	+74	0.21	-0.21	6.23	-3.79	62	12.12	-9.72	55
Gardiner	92	51	70	144	+12	0.20	-0.04	2.67	-2.78	49	6.49	-2.41	73
Hardin	102	52	77	187	+36	0.00	-0.21	8.49	+0.64	108	13.87	+0.52	104
Huntley	96	47	70	144	+5	0.08	-0.17	9.28	+1.68	122	14.07	+2.29	119
Hysham	97	53	75	176	+18	0.00	-0.21	9.16	+1.63	122	14.35	+3.18	128
Joliet	94	48	70	139	+4	0.02	-0.19	8.59	+0.03	100	14.46	+0.64	105
Livingston	89	41	66	116	-11	0.37	+0.09	8.97	+0.32	104	15.04	+1.96	115
Nye	95	40	67	118	-9	0.22	-0.06	9.28	+0.63	107	14.50	+1.42	111
Rapelje	96	46	70	140	+1	0.33	+0.05	14.41	+6.08	173	18.79	+5.60	142
SOUTHEAST													
Albion	99	55	76	182	+37	0.73	+0.52	10.77	+2.36	128	15.14	+3.49	130
Baker	98	52	75	175	+24	0.60	+0.32	11.47	+3.02	136	15.08	+3.13	126
Broadus	99	54	78	198	+52	0.38	+0.19	11.23	+3.34	142	15.58	+3.74	132
Ekalaka	94	52	73	160	+11	0.42	+0.15	11.76	+1.72	117	17.26	+3.20	123
Miles City	100	58	78	200	+27	0.00	-0.21	8.26	-0.08	99	11.06	-0.98	92
Plevna	98	50	75	178	+27	0.08	-0.20	10.25	+1.80	121	14.60	+2.65	122
Compiled by AWIS Inc. based on NWS data. DFN-Departure from normal 1961-1990. GDD-Growing degree days													